

Agricultural Marketing Service, USDA

§ 51.1877

combination of defects, which materially detracts from the appearance, or the edible or marketing quality of the tomato.

§ 51.1872 Reasonably well formed.

Reasonably well formed means that the tomato is not decidedly kidney-shaped, lop-sided, elongated, angular, or otherwise decidedly deformed.

§ 51.1873 Slightly rough.

Slightly rough means that the tomato is not decidedly ridged or grooved.

§ 51.1874 Serious damage.

Serious damage means any specific defect described in § 51.1877, table II; or an equally objectionable variation of any one of these defects, any other defect, or any combination of defects, which seriously detracts from the appearance,

or the edible or marketing quality of the tomato.

§ 51.1875 Misshapen.

Misshapen means that the tomato is decidedly kidney-shaped, lop-sided, elongated, angular or otherwise decidedly deformed: *Provided*, That the shape is not affected to an extent that the appearance or the edible quality of the tomato is very seriously affected.

§ 51.1876 Very serious damage.

Very serious damage means any specific defect described in § 51.1877, Table II; or an equally objectionable variation of any one of these defects, any other defect, or any combination of defects, which very seriously detracts from the appearance, or the edible or marketing quality of the tomato.

§ 51.1877 Classification of defects.

TABLE II

REFERENCES TO AREA, AGGREGATE AREA, LENGTH OR AGGREGATE LENGTH ARE BASED ON A TOMATO HAVING A DIAMETER OF 2½ INCHES (64 mm)¹

[See footnote at end of Table II]

Factor	Damage	Serious damage	Very serious damage
Cuts and broken skins	Not shallow or not well healed, or shallow, well healed cut more than ½ inch (13 mm) in length, or other shallow, well healed skin breaks aggregating more than a circle ¾ inch (10 mm) in diameter.	Not shallow or not well healed, or shallow, well healed cut more than ½ inch (13 mm) in length, or other shallow, well healed skin breaks aggregating more than a circle ½ inch (13 mm) in diameter.	Fresh or healed and extending through the tomato wall.
Puffiness	Open space in 1 or more locules materially detracts from appearance of tomato cut through center at right angles to a line from stem to blossom end.	Open space in 1 or more locules seriously detracts from appearance of tomato cut through center at right angles to a line from stem to blossom end.	Open space in 2 or more locules very seriously detracts from appearance of tomato cut through center at right angles to a line from stem to blossom end.
Catfaces	Scars are rough or deep, channels are very deep or wide, channels extend into a locule, or a fairly smooth catface aggregating more than a circle ½ inch (13 mm) in diameter.	Scars are rough or deep, channels are very deep or wide, channels extend into a locule, or a fairly smooth catface aggregating more than a circle ¾ inch (19 mm) in diameter.	Channels extend into the locule, wall has been weakened to the extent that slight pressure will cause a tomato to leak, or a fairly smooth catface aggregating more than a circle 1 inch (25 mm) in diameter.
Scars (other than catfaces).	No depth and aggregating more than a circle ¾ inch (10 mm) in diameter.	No depth and aggregating more than a circle ⅝ inch (16 mm) in diameter.	No depth and aggregating more than a circle 1 inch (25 mm) in diameter.

TABLE II—Continued

REFERENCES TO AREA, AGGREGATE AREA, LENGTH OR AGGREGATE LENGTH ARE BASED ON A TOMATO HAVING A DIAMETER OF 2½ INCHES (64 MM)¹

[See footnote at end of Table II]

Factor	Damage	Serious damage	Very serious damage
Growth cracks (radiating from or concentric to stem scar).	Not well healed, more than ¼ inch (3 mm) in depth, individual radial cracks more than ½ inch (13 mm) in length, aggregate length of all radial cracks more than 1 inch (25 mm) measured from edge of stem scar. Any lot of tomatoes which are at least turning may have cracks which are not well healed provided they are not leaking.	Not well healed, more than ¼ inch (3 mm) in depth, individual radial cracks more than ¾ inch (19 mm) in length, aggregate length of all radial cracks more than 1¾ inches (44 mm) measured from edge of stem scar. Any lot of tomatoes which are at least turning may have cracks which are not well healed provided they are not leaking.	Not well healed, more than ¼ inch (6 mm) in depth, individual radial cracks more than 1 inch (25 mm) in length, aggregate length of all radial cracks more than 2⅞ inches (73 mm) measured from edge of stem scar. Any lot of tomatoes which are at least turning may have cracks which are not well healed provided they are not leaking, not more than ½ inch (3 mm) in depth, individual radial cracks are not more than ¾ inch (19 mm) in length.
Hail	Deep, rough, not well healed and corked over, or fairly smooth, shallow hailmarks aggregating more than a circle ⅝ inch (10 mm) in diameter.	Deep, rough, not well healed and corked over, or fairly smooth, shallow hailmarks aggregating more than a circle ⅝ inch (16 mm) in diameter.	Fresh, very deep or fairly smooth, shallow hailmarks aggregating more than a circle 1 inch (25 mm) in diameter.
Insect injury	Materially detracts from the appearance of any insect is present in the fruit.	Seriously detracts from the appearance of any insect is present in the fruit.	Very seriously detracts from the appearance of any insect is present in the fruit.

¹ Conversion to metric equivalent, made to nearest whole millimeter.

[38 FR 23932, Sept. 5, 1973, as amended at 38 FR 32920, Nov. 29, 1973. Redesignated at 42 FR 32514, June 27, 1977, and further redesignated at 46 FR 63203, Dec. 31, 1981]

Subpart—United States Consumer Standards for Fresh Tomatoes

SOURCE: 18 FR 7144, Nov. 11, 1953, unless otherwise noted. Redesignated at 42 FR 32514, June 27, 1977, and further redesignated at 46 FR 63203, Dec. 31, 1981.

GENERAL

§ 51.1900 General.

These standards apply only to fieldgrown tomatoes and not to tomatoes grown in greenhouses.

GRADES

§ 51.1901 U.S. Grade A.

U.S. Grade A shall consist of tomatoes of similar varietal characteristics which are mature and are at least turning (see § 51.1904), but are not overripe or soft which are well developed, at least fairly well formed, fairly smooth, free from soft rot, freezing injury, and from damage caused by dirt, bruises, cuts, shriveling, sunscald, sunburn, puffiness, catfaces, growth cracks, scars, dry rot, other diseases, insects,

hail, or mechanical or other means. Tomatoes on the shown face shall be reasonably representative in size and quality of the contents of the container. (See § 51.1903.)

(a) Incident to proper grading and handling, except for maturity, not more than 5 percent, by count, of the tomatoes in any lot may fail to meet the requirements of the grade, including not more than 1 percent for tomatoes which are affected by soft rot.

§ 51.1902 U.S. Grade B.

U.S. Grade B shall consist of tomatoes of similar varietal characteristics which are mature and are at least turning (see § 51.1904), but are not overripe or soft and not badly misshapen; which are free from soft rot, freezing injury and from serious damage caused by dirt, bruises, cuts, shriveling, sunscald, sunburn, puffiness, catfaces, growth cracks, scars, dry rot, other diseases, insects hail, or mechanical or other means Tomatoes on the shown face shall be reasonably representative in size and quality of the contents of the container. (See § 51.1903.)